

WAR STANDARDIZES TIRES AND BIG TRUCKS

Remarkable revolutions along economic, political and industrial lines have been brought about by the war. Agricultural countries have become great producers of manufactured products, while industrial nations, like England, who have been dependent upon the rest of the world for food, have turned their energies to the farm; importing nations have

become exporters and vice versa; in short, hardly a nation, community, line of business or individual that has not felt the revolutionizing influence of the war. One of the most complete reversals of the usual order of things is the tendency of manufacturers to specialize and standardize. Great industrial institutions that had always made a great variety of things in a great variety of sizes, shapes, colors, qualities and at a wide range of prices, soon discovered the economy of standardizing. One of the most recent changes in this direction is the

decision of the rubber manufacturers to standardize on tires, eliminating about 90 per cent of the sizes and shapes of tires. A notable example of a specializing manufacturer is the Fulton Motor Truck Company, of Farmingdale, Long Island. The Fulton Company has been specializing on a truck of one and a half ton capacity. An exhaustive investigation was made by William Melhuish, president of the company, to determine what size was in greatest demand. It was found that 80 per cent of the demand was for trucks of one to two tons capacity.



Don't quit with that subscription you made to the Liberty loan. Thrift stamps make a mighty fine investment.

His Record.
Guest—How much did you ever get out of your car?
Owner—Well, I think seven times in one mile, is my record.

Life is just a great, big storage battery; you can't take out more than you put in.

Simple.
"What makes you so late, John?" queried his wife.
"Well, the truth is," explained her husband, "that the streets are most awfully slippery. Every yard I gained I slipped and skidded back two."

"Then how did you get home at all?"

"Why, that was simple. I came home in reverse."

YESTERDAY IN AUTO HISTORY

In 1906 gasoline sold for six cents a gallon.
The first four-cylinder car was brought out in 1900.

Thomas A. Edison, the electrical wizard, was the first well-known American to prophesy that the automobile would revolutionize transportation. Nearly twenty-five years ago he is quoted in the New York World: "The horseless vehicle is the coming wonder. Ten years from now we will be able to buy a horseless vehicle for what you would have to pay today for a wagon and a pair of horses. The money spent in the upkeep of the horses will be saved. A great invention, which facilitates commerce, enriches a country just as much as a discovery of gold." Looking back from the pinnacle of 1918 automobile development, it must be a source of great satisfaction to know his prediction was conservative rather than radical.

Definition: Happiness; living, loving, working—with emphasis on the working.

A Good Teacher.
Mrs. Much—What dreadful language your parrot uses!
Mrs. Nothing—Yes; my husband bought the bird and he brought it home in his car, and I have always suspected that he had engine trouble on that trip.

Unwritten Law.
It was a smiling motorist.
A gentle breeze, withal.
Had slain another of his kind.
Stood in the judgment hall.

"Now, wherefore have ye killed this man?"
They put the question him.
Whereat the prisoner went wroth.
And vindictive, and grim.

"Oh, I have killed this motorist
For that it did occur
He asked as I repaired a tire,
'Have you a puncture, sir?'"

What would ye other than to know
Mid gladness and glee,
They gave the prisoner three cheers
And set the good man free.
—JOHN B. HEILNE.

HYDRO-MOTOR CAR INSPIRES VERSE.

The Hydro-Motor Car, a Canton product which travels both on land and water and which is soon to be presented to the War Department for final approval, was the inspiration of the following verse:

THE PLAIN OF THE KAISER.
Said the Kaiser to Von Hindenburg:
"Whence comes that mighty cheer
That echoes over land and sea,
And fills my men with fear?"
Said Hindenburg to Kaiser Bill:
"I've told you oft before,
That you'd regret the day you forced
The YANKS INTO WAR."

"But," says Bill, "we have the largest force."
The Kaiser's submarines:
The facet planes, the deadliest gas
The world has ever seen."
Said Hindenburg, "Just now we have,
But UNCLE SAM has said
That he'll fight on 'till
Hindenburg's rule is clearly dead.
He has a mighty record
Of doing all things well,
And when he once gets going,
Why—he'll simply raise hell."

Said Bill, "He cannot cross the Rhine,
His pontoons we will sink."
Again he cried, "He cannot cross
With no connecting link."
Said Hindenburg, "Have you not heard
How they intend to cross?
'Tis not on bridges they will come,
Nor will it be aloft."

"Guilt joking now," said Kaiser Bill,
His anger quickly rising:
The fear he felt within himself
To him was most surprising.
Said Hindenburg with trembling voice,
"Indeed it is no joke;
Although I hate to say it, Bill,
I'm sure they'll get our goat.
They have a Hydro-Motor car
That runs on land and water;
And when they once get started,
Well there'll be an awful slaughter.
They need no bridges; don't you see
The pontoons' out of date?
A thousand different points they'll cross
And vent their righteous hate."

Said Kaiser Bill, "My good friend
GOT!
Will hold the YANKS level."
Said Hindenburg, "It can't be done;
We're due to meet the DEVIL."
—L. F. M.

**LONDON PAPER LAUDS
VICTORY AT CANTIGNY**

LONDON, June 1.—"The brilliant American victory at Cantigny has received the attention it merits," the Star declares.

"The more we hear of the American army, the better they appear. The Americans, in this latest venture, beat the crack Silesians and Brandenburgers and held their gains against all comers."

Owner's Service Department

If the N. A. C. C. horsepower is right then why is it that a motor with a long stroke with a 3-inch bore has the same power as a motor with a shorter stroke but with a 3-inch bore?—INQUISITIVE.

The power rating you mention, expressed D.H.N. divided by 25 gives the horsepower at 1,000 feet per minute piston speed and the piston speed varies with the stroke. A motor with six-inch stroke and another with four-inch stroke but with 3-inch bore for both, have the same rating at 1,000 feet per minute piston speed but the p. m. is different in both cases because of the difference in stroke. The formula gives approximate horsepower which will be found in nearly every case to be very close to the actual power produced at 1,000 feet per minute piston speed.

Is it advisable to have a broken spring leaf welded? The main leaf broke but I was told it could be welded at small cost; or do you think another leaf ought to be used? Is the cantilever better than the semi-elliptic?—JOHN TOBIN.

It will be better to get a new leaf. Some spring welds hold, but the leaf costs comparatively little and it is better in the end to get a new one. Not necessarily. The type of spring is no indication of its qualities. Many factors enter into spring suspension aside from the mere type of spring.

Isn't it true that in a water pump cooling system the water stops circulating when the motor stops and in the thermo-siphon system the water keeps circulating even if the engine is not running?—FREDERICK H. JONES.

Yes, though there is a little syphon action in the pump system too.

There are two bearings in my Ford which loosen up right after being tightened. I do not know why it is but I can take up on the cap and in 200 miles they are loose again. Is it the bearing or what?—OPCAL.

I am sure it is yourself. You do not fit the bearing properly, probably taking it up too much. Taking up a bearing is wrong, anyway. It should be wrapped to fit, and then it must not be too tight.

Do you recommend tire filler? I imagine that this is a good time to save a bit in my tire bill and repair bill and would like your opinion on fillers.
—J. M.

I cannot recommend filler for ordinary passenger car use both because of its effect on tire wear in summer and the cost per mile of tire service.

"Income Tax hurried in" reads "Downfall in Berlin."

WILL GIVE PRIZE FOR LIKENESS OF COLE AERO-EIGHT

Through ages past, artists, scientists, and many masters in their professions have met with problems seemingly without solution. During medieval times scientists sought to discover "the philosopher's stone."

Artisans have failed to discover the lost art of hardening copper. Mathematicians have spent years in looking for "the third dimension," and men in all ages have been baffled with the haunting dream of perpetual motion.

And now the Cole Motor Car Company is offering a prize for the artist who can portray the simple, dashing, yet elusive attractiveness of the new Aero-Eight models. Photography and present art methods have seemingly failed to do them justice. "It looks as though a new school of art were needed to depict their winsome personality," said one of the company officials.

There is the concealed power of the lion under the hood. The idea of the trained muscles of the athlete must be blended with the grace and fleetness of the bird poised for flight. The clean-lined lines of the thoroughbred are an essential part of the plot.

Then the final impression must be a combination of an inherent staidness and dependability ready to serve the owner with the unhesitating readiness of the giant of Aladdin's lamp. The idea of the soul of the car must be mixed with the paint. The artist must first get the conception of the personality of these models before he can convey this idea to the public.

It is said that Leonardo de Vinci spent years in depicting the haunting smile of Mona Lisa, but he finally got an impression that has been handed down through the ages. In the same way the motor car designer's art has found final expression in the Aero-Eight.

The Cole Motor Car Company will hold this offer open until some artist can conceive and express the true picture of this new model.

FINLAND SIGNS PEACE.

Advices reaching the State Department today via Vienna, May 29, stated that a peace treaty between the central powers and Finland was signed that day. It consists of one general treaty and two supplemental. No details of the contents of the treaty are given.

OWL AND STEEL TRAP STOPS WORK AT PLANT

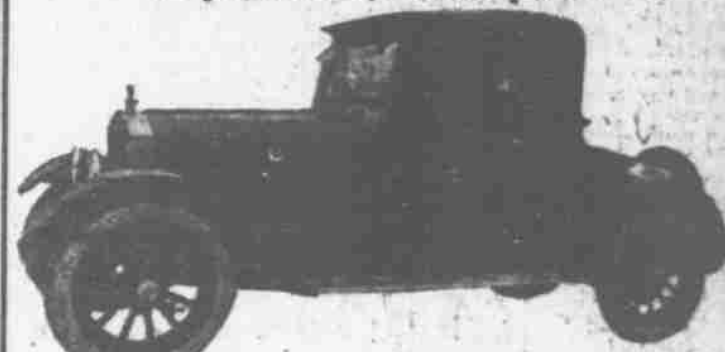
The curious combination of an owl and a steel trap, in which the bird had become caught, caused the shutting down power.

of the Goodyear Cotton Mills, at Good year, Conn., last week, throwing several hundred men out of work for a half day. The owl had flown away with the trap hanging to it, alighting on a high-powered electric cable, carrying 11,000 volts of electricity. Linemen, after several hours' search, found that the contact of the steel trap with cable had stopped the power.

THE MURRAY

—Power and Beauty—

Are the Two Outstanding Features of the Wonderful Car
8 Cylinders—83 Horsepower



Custom Made Bodies Immediate Deliveries
Wandeyne Company, Inc.
1226 Connecticut Avenue N. W.

A "Norwalk" Record

ONE set of regular stock "Norwalk" Tires stood up for one year and four days on a delivery wagon operated by the Merchants' Transfer and Storage Company—covering more than 13,700 miles.

Phone Main 4444 and Our Representative Will Call and Tell You About Norwalk Tires and Tubes.

Becker's Leather Goods Co.

Distributors "Norwalk" Tires and Tubes.
1324-1326 F Street N. W.

ENDURANCE

One of the Outstanding
Features of
**DREADNAUGHT
TIRES**



ONLY THE STRONG CAN HOPE TO ENDURE! This is not a quotation, but merely a different way of stating a universal and time-old fact. The "Dreadnaught" on land is like the dreadnaught of the sea—staunch, sturdy and unconquerable, with the stamina of a distance runner. Vitality and resiliency give to Dreadnaught tires the power to lengthen the life of the owner's car who is wise enough to use them exclusively.

Guaranteed for 5,000 Miles

Our two great treads—the Dreadnaught Vacuum Tread, featuring the solid button in the center, which adds an extra 1,000 miles; and the Dreadnaught Ribbed Tread are as famous for their results as the Gold Dust Twins—in fact they just shatter all mileage records.

The Rise in Prices Which Took Effect Today,
June 1st, Will Appear in the New Catalogue

See Our New Gray-Top Tire

I. B. JONES CO.

DISTRIBUTERS

1410 14th St. N. W.

Telephone Main 8176

SPECIAL NOTE.—It should be interesting to know that the Dreadnaught factory is located in Baltimore, only 40 miles from Washington. This is your guarantee that if we haven't what you want, we can get it within 24 hours.

Sound Methods Make A Sound Market

One thing has been made clearer than ever this year.

The people who buy this car do so for sound business reasons.

We know this by what they say, and by the way they approach the purchase.

They represent the substantial class in their own community, and hold fixed ideals of value.

Buying Dodge Brothers car is, with them, a matter of business—because they seem sure they will get more out of it.

It has come to be known as a substantial car, and naturally that has attracted to it substantial people.

When a man comes in to buy, he is thinking of the freedom from annoyance he will enjoy in its ownership.

He is thinking of the low gasoline consumption, and the high tire mileage.

He is thinking of the satisfaction of having a car that will never be out of service if he gives it ordinary attention.

He is thinking how much such a car will contribute to his business fitness and activity.

He is thinking how much he can expand his business effort, and how slight the cost in comparison to the increased return.

If he were not so sure of the car, he might not be so sure of the wisdom of the investment.

But he knows that he can depend implicitly upon the service it will deliver.

So, there has grown up all over America, a different sort of an attitude toward the purchase of Dodge Brothers car.

It is a serious-minded attitude—one which reckons on results, and feels sure in advance.

This is as it should be, and as Dodge Brothers would have it.

Building motor cars is, with them, a serious business—each and every Dodge Brothers car is worthy of the very best they can give it.

They look upon every sale as a binding business agreement to deliver certain definite results to the buyer.

That this policy has attracted to this car, the substantial and serious-minded buyers of America, is one more great source of satisfaction to them.

It is further assurance, too, if any were needed, that the quality of the car will steadily grow higher.

It will pay you to visit us and examine this car

SEMMES MOTOR COMPANY,

1132 Connecticut Ave.

M. 9790

Business Car, Touring Car or Roadster \$625
Sedan or Coupe \$1425
(All prices f.o.b. Detroit)

The gasoline consumption is approximately 18 m.p.g.
The tire mileage is unusually high.